

ABSTRACT

An exhaust-gas purifying catalyst includes a catalyst support substrate, a loading layer formed on the catalyst support substrate, and a catalytic ingredient loaded on the loading layer. The loading layer includes cerium oxide and zirconium oxide, or a cerium-zirconium compound, and at least one additive member selected from the group consisting of yttrium, lanthanum, iron and potassium. A summed amount of the cerium oxide and the zirconium oxide, or an amount of the cerium-zirconium compound, is 80% by weight or more with respect to the entire loading layer taken as 100% by weight. The exhaust-gas purifying catalyst demonstrates remarkably enhanced exhaust-gas purifying performance, because the loading layer is formed of cerium oxide with a high O₂ storage ability as a major component.